



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: Hisao KOGA, et al. Art Unit: 2631

Application No.: 10/669,592

Filed: September 23, 2003

For: COMMUNICATION APPARATUS

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, DC 20231

Dear Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the art listed on the attached Form PTO 1449.

Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106. Applicants respectfully request that this art be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,


James E. Ledbetter

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Date: July 13, 2004

Registration No. 28,732

JEL/spp

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FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office	ATTY. DOCKET NO.	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	L8612.04115	10/669,592
(Use several sheets if necessary)	APPLICANT	Hisao KOGA, et al.
	FILING DATE	GROUP
	September 23, 2003	2631

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Henrique S. Malvar; "Signal Processing with Lapped Transforms," pp. 204-216.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.